

**ABSTRACT OF THE INVENTION**

An image processing apparatus comprising radiation image forming means 10 for forming a radiation image corresponding to the radiation amount transmitted through an object, discriminating means 30 for discriminating at least one of the region of the object and the radiographing orientation for a radiation image, image processing condition memorizing means 50 for memorizing each of a plurality of image processing conditions in accordance with each of the regions of an object, each of the directions of radiographing, or each of the combinations of both of these, display means for displaying a single or a plurality of image processing conditions, and image processing condition selecting means 40 capable of selecting an arbitrary image processing condition out of the image processing conditions displayed, wherein, in the image processing condition selecting means, one or a plurality of image processing conditions are read out from the image processing condition memorizing means on the basis of the result of discrimination obtained by the discriminating means and displayed, and the selection of an arbitrary image processing condition out of the image processing conditions displayed is accepted.